# Use Attainability Analysis

for

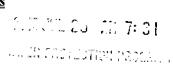
WBID 2403 Galena Hollow

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 25, 2005





Water Body Name (from USGS 7.5' quad): Galena Hollow
8-digit HUC: 11010002
Missouri WBID #: 2403
County: Barry
Upstream Legal Description: 20,23N26W
Downstream Legal Description: 10,23N,26W
Upstream Coordinates: 432320E 4061980N
Downstream Coordinates: 434895E 4063180N
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Jeff Woodward Gene Campbell (417)888-4029
Organization: DNR SWCP
Position: Soil Scientist III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

a some	Dete
Signed: 6-27-65	Date:

#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 2403	3-01		Site Location De	Site Location Description: CR 2155 Creek Crossing SE SE 17					
Site GPS Coordinates: 4	132320E 4061980N								
Date & Time: 6-22-05 1	10:40AM		Facility Name:	Facility Name:					
Personnel: Jeff Woodwa	ard Gene Campbell		Permit Number:	· · · · · · · · · · · · · · · · · · ·					
Current Weather Condition	ions: Hot & Sunny		Weather Conditi						
Photo Ids: Upstream: w	/bu2403-01 Dov	vnstream:	wbd2403-01 Other	r: wbe2403-01					
es Observed*:									
Swimming	Skin diving		SCUBA diving	Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking		Boating	Wading	Rafting				
☐ Hunting	Trapping		Fishing	☑ None of the above	Other:				
Describe: (include numb	er of marviduals rec	reating, in	equency of use, prioto-	documentation of evidence	of recreational uses, etc.				
				uses. Attach photos of evider					
errounding Condition		promote or							
errounding Condition	ns*; (Mark all that ;	promote or	r impede recreational v	ises. Attach photos of evider	nce or unusual				
urrounding Condition ms of interest.)  City/county parks	ns*: (Mark all that p	promote or	r impede recreational u C conservation lands	ises. Attach photos of evider	nce or unusual				
errounding Condition ms of interest.) City/county parks Boating accesses	ns*: (Mark all that a	promote or	r impede recreational u C conservation lands onal forests	ses. Attach photos of evider Urban areas Nature trails	nce or unusual				
rrounding Condition ms of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that a	oromote or MDC	r impede recreational u C conservation lands onal forests	ses. Attach photos of evider Urban areas Nature trails	nce or unusual				
rrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that a	promote of MDC Natio	r impede recreational u C conservation lands onal forests o slopes	ses. Attach photos of evider  Urban areas  Nature trails  Other:	nce or unusual  Campgrounds  Stairs/walkway				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Data Sheet B - Site Characterization

Page Two - WBID #2403-01:

Stream Mor Upstream		sical D	mensions:							
⊠ Riffle	Width (ft):		Length (ft):	75 A	vg. Depth (f	ft): .5	M	ax. Depth (ft)	): 1	
Run	Width (ft):		Length (ft):	A	vg. Depth (f	ft):	М	ax. Depth (ft)	):	
☐ Pool	Width (ft):		Length (ft):	A	vg. Depth (f	ft):	M	ax. Depth (ft)	);	
⊠ Flow	Present?	⊠ Yes	☐ No	Е	stimated (ft <sup>3</sup>	/sec): 2				
Downstre	am View I	Physical	Dimensions:							
⊠ Riffle	Width (ft):		Length (ft):		vg. Depth (f	ft): .5	M	ax. Depth (ft)	): 1	
Run	Width (ft):		Length (ft):		vg. Depth (f	TV		ax. Depth (ft)	2	
Pool	Width (ft):		Length (ft):		vg. Depth (f			ax. Depth (ft)		
⊠ Flow	- N. W.	⊠ Yes	□ No		stimated (ft <sup>3</sup>					
					•					
			add up to 100%.							
5%	Cobble	959	% Gravel	% Sand		% Silt	% N	/lud/Clay		% Bedrock
Water Char	acteristics	*: (Mark Sewage	all that apply.)	☐ Cher	nias1	⊠ None		Other:		
Color:		Clear	Green	Gray	20,100,000	Milky	_ <u>-</u> -	Other:		
Bottom De		Sludge	Solids		sediments	⊠ None		Other:		
Surface De		Oil	Scum	Foan	ARCE-DARGERSON, MINOR	None None		Other:		
Fish in pool to *This information comprehensive decision on the	on is not to b understanding recreation us	e used so ig of wate e analysis	lely for removal r conditions. Cos but may point to	of a recreationansequently, this conditions that	l use designation information it need further	ation but rath is not intender analysis or	er is to prided to dire	rovide a more ectly influence et another use	e a	nis UAA
datasheet is										
			·.		(30,00			-		
Signed:					(30,00	6-22 -	05			

WBID 2403 – Downstream #1



WBID 2403 – Upstream #1



#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 2403	3-02		Site Location De	escription: CR 2155 Creek	Crossing NE NE 16		
Site GPS Coordinates: 4	433755E 4062795N						
Date & Time: 6-22-05 1	10:50AM		Facility Name:  Permit Number:  Weather Conditions for Past 7 days: Hot & Sunny				
Personnel: Jeff Woodwa	ard Gene Campbell						
Current Weather Condit	ions: Hot & Sunny						
Photo Ids: Upstream: w	vbu2403-02 Dow	nstream: wb	d2403-02 Other	r: wbe2403-02			
es Observed*:							
Swimming	Skin diving	□ sc	UBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	Box	ating	Wading	Rafting		
Hunting	Trapping	☐ Fis	hing ·	None of the above	Other:		
Describe: (include numb	er of individuals reco	reating, frequ	ency of use, photo-	documentation of evidence			
rrounding Condition				documentation of evidence	of recreational uses, etc		
		promote or im			of recreational uses, etc		
rrounding Conditions of interest.)	ns*: (Mark all that p	promote or im	pede recreational u	uses. Attach photos of evider	of recreational uses, etc		
rrounding Condition as of interest.)	ns*: (Mark all that p	oromote or im	pede recreational unservation lands	uses. Attach photos of evider	of recreational uses, etc		
rrounding Condition as of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that p  Playgrounds  State parks  Fence	romote or im  MDC co	pede recreational unservation lands	uses. Attach photos of evider Urban areas Nature trails	of recreational uses, etc		
rrounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that p  Playgrounds  State parks  Fence	momote or im  MDC co  National	pede recreational unservation lands	uses. Attach photos of evider Urban areas Nature trails	of recreational uses, etc		
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that p  Playgrounds  State parks  Fence	momote or im  MDC co  National  Steep slo	pede recreational unservation lands forests	uses. Attach photos of evider  Urban areas  Nature trails  Other:	of recreational uses, etc		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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### Data Sheet B - Site Characterization

Page Two - WBID #2403-02:

Riffle Wi	dth (ft):	Length (ft):	th (ft): Avg. Depth (ft):		Max. Depth (ft):		
Run Wi	ith (ft): Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):		
Pool Wi	Width (ft): Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):		
⊠ Flow Pre			Estimated (	ft <sup>3</sup> /sec):			
Downstream	View Physic	al Dimensions:					
	nstream View Physical Dimensions: Riffle Width (ft): Length (ft):		Avg. Depth	(ft):	Max. Depth (ft)		
Run Wi	dth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft)		
☐ Pool Wi	dth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft)	:	
_	esent? Yes		Estimated (	1211		·	
bstrate*: (Th			% Sand	% Silt	% Mud/Clay	5% Bedrock	
5% Co	bble 9	0% Gravel   nount of vegetation or	algal growth at the ass		70 Mad City	51	
uatic Vegeta None	tion*: (note an	nount of vegetation or	algal growth at the ass	sessment site)			
None  ater Characte Odor:	tion*: (note an eristics*: (Ma	rk all that apply.)	algal growth at the ass	essment site)	Other:		
None  ater Characte Odor: Color:	tion*: (note and eristics*: (Ma	rk all that apply.)  Musky	algal growth at the ass	None  Milky			
None  ater Characte Odor:	eristics*: (Ma Sewage Clear t: Sludge	rk all that apply.)  Musky	algal growth at the ass	None  Milky	Other:		
none  ater Characte Odor: Color: Bottom Deposi Surface Deposi mments: Plea	eristics*: (Ma Sewage Clear t: Sludge tit: Oil ase attach add s not to be used erstanding of wa eation use analy	rk all that apply.)    Musky	Chemical Gray Fine sediments Foam  (including information arecreational use designmently, this information and the conditions that need fur	None None None None notion from integration but rather analysis or the	Other: Other: dry Other:	m.	
ater Characte Odor: Color: Bottom Deposi Surface Deposi mments: Pleanis information in inprehensive undi ision on the recre the undersign tasheet is true	eristics*: (Ma Sewage Clear t: Sludge it: Oil ase attach add s not to be used erstanding of wa eation use analy ed, hereby a e and accura	rk all that apply.)    Musky   Green   Solids   Scum     Solids   Itional comments     Solely for removal of a ter conditions. Consessis but may point to confirm to the best of the conditions.	Chemical Gray Fine sediments Foam (including information of my knowledge,	None None None None nation from integration but rather on is not intendent that all information in the control of the control	Other: Other: dry Other: Other: Other:	m.	

WBID 2403 – Downstream #2



WBID 2403 – Upstream #2



#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	3-03		Site Location D	escription: CR 2155 Creek	Crossing SW SW 10			
Site GPS Coordinates: 4	434895E 4063180	)N						
Date & Time: 6-22-05 1	11:00AM		Facility Name:	Facility Name:  Permit Number:  Weather Conditions for Past 7 days: Hot & Sunny				
Personnel: Jeff Woodwa	ard Gene Campbe	ell	Permit Number					
Current Weather Condit	ions: Hot & Sunr	ıy	Weather Condit					
Photo Ids: Upstream: w	vbu2403-03	Oownstrea	m: wbd2403-03 Othe	er: wbe2403-03				
es Observed*:								
Swimming	Skin diving	g	SCUBA diving	Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		Boating	Wading	Rafting			
Hunting	Trapping		Fishing	None of the above	Other:			
	of of individuals	recreating	, frequency of use, photo	e-documentation of evidence	or recreational uses, etc			
rrounding Condition				uses. Attach photos of evide				
rounding Condition		at promot						
rounding Conditions of interest.)	ns*: (Mark all th	at promot	e or impede recreational	uses. Attach photos of evide	nce or unusual			
rrounding Conditions of interest.)	ns*: (Mark all th	at promot	e or impede recreational	uses. Attach photos of evide	nce or unusual			
rounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all th	at promot	e or impede recreational fDC conservation lands fational forests	uses. Attach photos of evide  Urban areas  Nature trails	nce or unusual			
rounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all th	at promot	e or impede recreational fDC conservation lands fational forests	uses. Attach photos of evide  Urban areas  Nature trails	nce or unusual  Campgrounds  Stairs/walkway			
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all the Playground State parks	at promot	TDC conservation lands fational forests teep slopes	uses. Attach photos of evide  Urban areas  Nature trails  Other:	nce or unusual			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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## Data Sheet B - Site Characterization

Page Two - WBID #2403-03:

Stream Morp Upstream		sical D	imensio	ons:							
	Width (ft):			gth (ft):		Avg. Depth (	ft):		M	ax. Depth (	ft):
⊠ Run	Width (ft): 18 Length (ft): 60			gth (ft): 60		Avg. Depth (ft): 1			Max. Depth (ft): 1		
☐ Pool	Width (ft): Length (ft):				Avg. Depth (ft): Max				ax. Depth (	(ft):	
⊠ Flow			☐ No			Estimated (ft	3/sec)	:			
Downstrea	m View	Physical	Dimer	isions:							
	Width (ft):			gth (ft): 40		Avg. Depth (	ft):	5	M	ax. Depth (	(ft): 1
Run	Width (ft):		Len	gth (ft):		Avg. Depth (	(ft):		M	ax. Depth (	(ft):
☐ Pool	Width (ft):		Len	gth (ft):		Avg. Depth (	(ft):		М	ax. Depth (	(ft):
⊠ Flow	Present?	⊠ Yes	☐ No			Estimated (ft	3/sec)	):			
C-1-+-++	m .										
Substrate*: (	Cobble Cobble		add up to % Gravel		% Sa	and T	9/	Silt	0/ N	/lud/Clay	% Bedrock
370	Cooole	93	o Graver		70 38	ind	70	SIII	70 1	viud/Ciay	% Bedrock
Aquatic Vege	tation*	(note amo	unt of w	antation or a	last am			nt aita)			
Algea on roo			unt of ve	getation or a	igai gre	owin at the asse	ssme	nt site)			
rugoa on ro	JAS CC Trate	1 01033									
	11										
Water Chara	cteristics	*: (Mark	all that a	apply.)	ti						
Odor:		Sewage		Musky		Chemical		None		Other:	
Color:	$\boxtimes$	Clear		Green		Gray		Milky		Other:	
Bottom Dep		Sludge		Solids	☐ F	ine sediments	_	None		Other:	
Surface Dep	osit:	Oil		Scum		oam		None		Other:	
*This informatio comprehensive u decision on the re	Spring pr n is not to be nderstanding	esent be be used so ng of water	low riff	emoval of a conseq	recreat	ional use design	ation n is n	but rather i	s to pi	rovide a mo	ore nce a
I, the undersi datasheet is t				the best of	f my l	knowledge, t	hat a	all inform	atio	n reporte	ed on this UAA
Signed:	Anns	<i>y</i>				Date:	6 -	12-0	5		
Signed:Organization:	MOL	NR-	-SW	CP		Position	n:	soil s	`c/	ntisi	III

WBID 2403 – Downstream #3



WBID 2403 – Upstream #3



STREET, STREET

Galena Hollow (WB2403) Barry County, Missouri